

Hollinger Public Blast Report

Blast Pattern: 3316_006
Date: 11-May-21
Blast Time: 15:36
Blast Sign Activation: 7:35
Website Notification Time: 7:27

Blast Conditions

Ceiling Height: 4265 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 19
Wind Direction: N
Temperature: 11.6 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	59.1 LAeq	106.2 dB
Edwards:	52.6 LAeq	109.0 dB
Fred:	49.5 LAeq	112.8 dB
Hollinger Office:	58.9 LAeq	113.4 dB
Noah:	61.7 LAeq	110.0 dB
Sandy:	49.0 LAeq	116.2 dB
Water Tower:	56.1 LAeq	119.3 dB
Wilson:	52.9 LAeq	114.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	8.0	6.2	6.9
Edwards:	12.1	15.8	12.7	24.1
Hollinger Office:	21.4	25.5	24.7	46.7
Sandy:	5.3	7.4	5.2	7.1

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.2	0.3
Edwards:	0.5	0.8
Hollinger Office:	3.3	6.2
Sandy:	2.7	4.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.5	0.4	1.5
Hollinger West:	1.5	0.2	1.1
Imerys:	1.2	1.2	1.3
Noah:	1.0	0.9	1.2
Moneta Pumping Station:	0.8	0.3	0.6
Sandy:	0.7	0.3	0.6
Water Tower:	1.7	0.9	2.5
Wilson:	1.2	1.4	1.6